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	IN THE UNITED STATES PATENT A	AND TRADEMARK OFFICE
the the	application of	) Group Art Unit 1713
SCOT	T COLLINS et al.	) Confirmation No. 2157
Serial	No. 10/817,187	) CERTIFICATE OF MAILING
Filed	April 2, 2004	<ul> <li>I hereby certify that this correspondence was deposited with the</li> <li>United States Postal Service as Express Mail addressed to</li> <li>Commissioner for Patents, P. O. Box 1450, Alexandria, VA</li> <li>22313-1450, on August 4, 2004.</li> </ul>
For	POLYMERIZATION OF I-BUTENE IN HYDROCARBON MEDIA USING BIS(BORANE) CO-INITIATORS	

# INFORMATION DISCLOSURE STATEMENT 37 CFR §§1.97, 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.97, relating to the filing of an Information Disclosure Statement, the Applicants hereby submit the following in compliance with the duty of disclosure as set forth in 37 CFR §1.56.

Information or art known to the Applicants and having an extent of relevance to the present application has been listed on PTO Form 1449 attached hereto. It includes 6 United States patents, 4 foreign patents, and 13 Articles. The Applicants have employed PTO Form 1449 for the purposes of convenience of the Office and the Examiner.

No representation is made that the information is non-cumulative, or that the information represents the only or the best information. The Applicants do not admit that any of the information they have provided is necessarily prior to their invention but rather that it is information of which they are aware and that they believe should be provided to the Office in fulfillment of their duty of disclosure. Any question that may arise regarding priority of a specific reference shall be resolved during prosecution.

The article entitled "Isobutene Polymerization Using a Chelating Diborance Co-Initiator" may include information relevant to portions of the present invention. However, since this publication was published by the inventor after the priority date of the present application, applicant respectfully submits that his publication fails to qualify as prior art under 35 U.S.C. section 102.

Respectfully submitted,

Donald J. Firca, Jr., Reg. No. 48,140

Roetzel & Andress 222 South Main St. Akron, OH 44308 (330) 376-2700

Attorney for Applicant

August 4, 2004

089498-0477 / 1190145\_1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE h the application of Group Art Unit 1713 SCOTT COLLINS et al. Confirmation No. 2157 **CERTIFICATE OF MAILING** Serial No. 10/817,187 I hereby certify that this correspondence was deposited with the United States Postal Service as Express Mail addressed to: Filed April 2, 2004 Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on August 4, 2004. For POLYMERIZATION OF I-BUTENE IN HYDROCARBON MEDIA USING ) **BIS(BORANE) CO-INITIATORS**

#### TRANSMITTAL SHEET

Enclosed are the following documents:

Information Disclosure Statement (with certificate of mailing)

PTO Form-1449 (3 pages) (in duplicate)

Six (6) U.S. Patents

Four (4) Foreign Patents

Thirteen (13) Articles

Return Receipt Postcard

### AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT

The Director is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 50-0959. Please use Reference No. 089498-0477 when charging the deposit account.

Respectfully submitted

Donald J. Firca, Jr., Reg. No. 48,140

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Attorney for Applicant

August 4, 2004

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 8-83) PATENT AND TRADEMARK OFFICE	АТ 08
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ATTY. DOCKET NO. 089498-0477

SERIAL NO. 10/817,187

(Use several sheets if necessary)

APPLICANT
Scott Collins et al.

FILING DATE April 2, 2004 GROUP 1713

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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**EXAMINER** 

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 u.s. department of commerce (rev. 8-83) patent and trademark office			ATTY, DOCKET NO. 089498-0477	SERIAL NO. 10/817,187						
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